

CLAIMS

1. Slurry used for attaching zeolite to a carrier comprising zeolite and an organic emulsion binder dispersed in
5 water.

2. The slurry used for attaching zeolite according to claim 1, wherein the zeolite is hydrophobic zeolite.

10 3. The slurry used for attaching zeolite according to claim 1, wherein the organic emulsion binder is one or more resins selected from the group consisting of (meth)acrylic resins, vinyl acetate resins, (meth)acrylic-styrene copolymer resins, styrene-butadiene copolymer resins, ethylene-vinyl acetate copolymer resins, and styrene-acrylonitrile-alkyl
15 (meth)acrylate copolymer resins.

4. The slurry used for attaching zeolite according to claim 1, having a zeolite content of 30-40 wt%.

20 5. The slurry used for attaching zeolite according to claim 1, having an organic emulsion binder content of 3-7 wt% on a dry basis.

25 6. The slurry used for attaching zeolite according to claim 1, having a viscosity of 15-20 mPa·s at 20°C.

7. The slurry used for attaching zeolite according to
claim 1, having a pH of 4-6.

8. A method of manufacturing a zeolite-carrying
5 adsorption element comprising causing a carrier to be
impregnated with the slurry for carrying zeolite, drying the
carrier, causing the carrier to be impregnated with an inorganic
binder, and drying and firing the resulting carrier.

10 9. The method of manufacturing a zeolite-carrying
adsorption element according to claim 8, wherein the inorganic
binder is one or more binders selected from the group consisting
of silica sol, alumina sol, and titanium dioxide sol.

15 10. The method of manufacturing a zeolite-carrying
adsorption element according to claim 8, wherein the carrier
is a honeycomb-shaped carrier formed from inorganic fiber
paper.